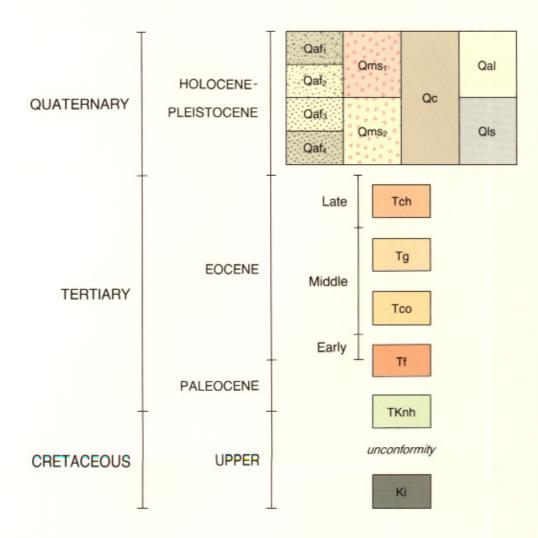


CORRELATION OF MAP UNITS



SYSTEM	SERIES	FORMATION		SYMBOL	THICKNESS feet (meters)	LITHOLOGY
QUATERNARY	NE	Surficial deposits		Q	0-300 (0-90)	000
	PLEISTOCENE/HOLOCENE	Crazy Hollow Formation		Tch	60 (18)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
TERTIARY	EOCENE	Green River	Upper Member	Tg	200-600 (60-185)	
		Formation	Lower	Tg	400-900 (120-275)	
		Colton Formation		Тсо	280-440 (85-135)	
	PALEOCENE	Flagstaff Formation		Tf	820-940 (250-287)	
CRETACEOUS	CHTIAN	North		TKnh	West 0-125 (0-38)	West East
	IAN MAASTRICHTIAN	Formation			East 0-830 (0-253)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
CR	CENOMANIAN/TURONI EARLY CAMPANIAN	CENOMANIAN/TURONIAN EARLY CAMPANIAN dnoab gloueipul		Ki	8760 (2670)	

MAP SYMBOLS

CONTACT
Dashed where inferred or poorly exposed

HIGH-ANGLE NORMAL FAULT

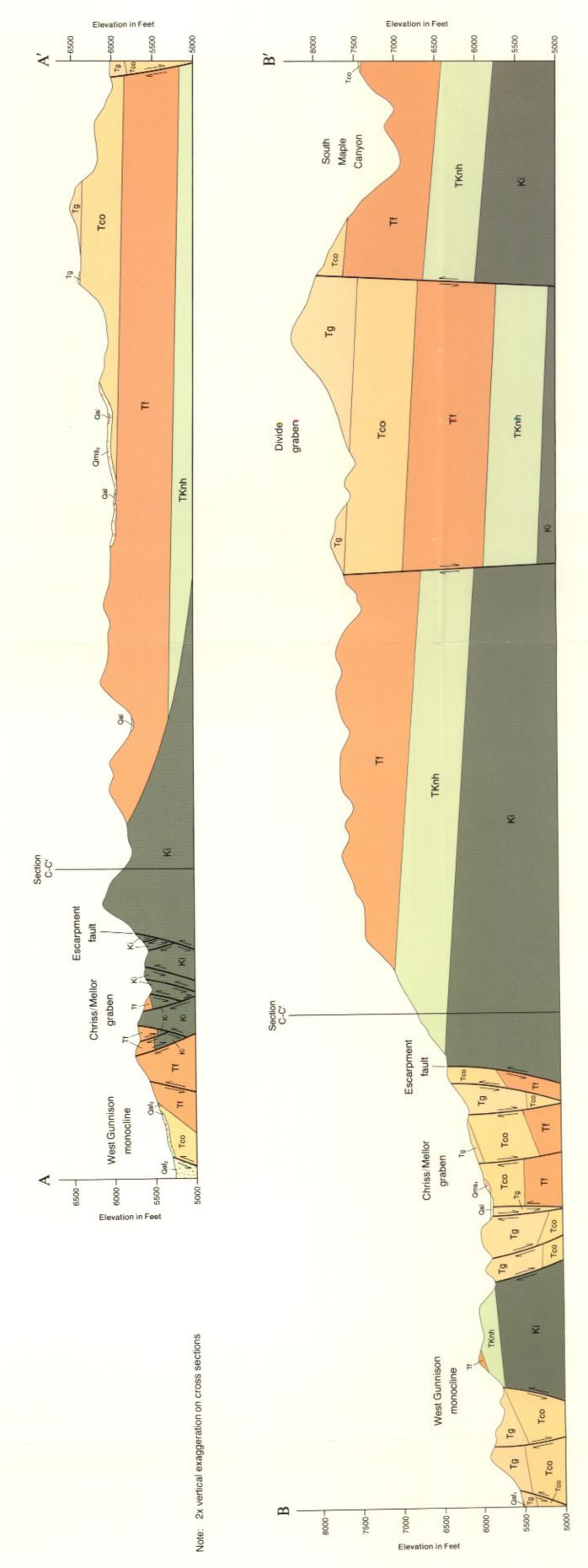
Dashed where inferred, dotted where concealed;
bar and ball on downthrown side

FRACTURE

Inclined Horizontal

STRIKE AND DIP OF BEDS

Drilled well (dry hole)



DESCRIPTION OF MAP UNITS

Qal Alluvium—Light brown mud, silt, sand, cobbles and boulders, poorly sorted and structureless, mostly in canyon floors.

Oc Colluvium—Mud, silt, sand, cobbles, and boulders, gravitationally transported to the base of steep slopes and cliffs.

Youngest alluvial fan deposits—Mud, silt, sand, cobbles, and boulders, in well-formed fans overlying Qaf₂.

Young alluvial fan deposits—Coalescing fans with the average clast size decreasing from the mountain front.

Old alluvial fan deposits—Mud to large boulders in fans up to 200 ft (61 m) higher than the younger Qaf, and Qaf₂.

Oldest alluvial fan deposits—Mud to large boulders with gravel more abundant than sand, lying up to 165 ft (50 m) above the younger Qaf, and Qaf₂.

Lake Bonneville sediments—Light brown fine and

fragments covering relatively small areas.

Qls very fine sand, silt, and mud, thinly bedded or laminated.

Younger mass movement deposits—Earth flows and debris flows; pebbles to boulder-sized

Older mass movement deposits—Debris flows consisting of material from the Colton and Green River Formations, appearing in larger hummocky and dissected masses.

Tch Crazy Hollow Formation—Grayish-orange cherty sandstone with scattered black chert pebbles; only thin remnants on quadrangle.

Tg Green River Formation—Mostly grayish-orange to yellowish-brown freshwater limestone and grayish orange sandstone in upper part and mostly greenish-gray mudstone in lower part.

Colton Formation—Variegated mudstone, thin pale green limestone and yellowish-gray sand-stone, generally less resistant and more prone to landsliding than units above and below.

Flagstaff Limestone—Yellowish-gray to pale red argillaceous limestone, limestone, and sandy limestone, with a few sandstone beds to the west; ledges and cliffs more common than slopes.

TKnh North Horn Formation—Conglomerate, sandstone, and limestone, grayish to the east and reddish in western exposures.

Indianola Group, undifferentiated— Grayish clastsupported conglomerate, grayish-orange sandstone, and pebbly sandstone, often with white to light gray bleached zones at the top. Upper surface is a regional unconformity.

